

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Hideo HOSONO et al.**

Serial Number: **Not yet assigned**
(§371 of international application No. PCT/JP2004/001507)

Filed: **December 22, 2005**

For: **ELECTROCONDUCTIVE $12\text{CaO} \cdot 7\text{Al}_2\text{O}_3$ AND COMPOUND OF
SAME TYPE, AND METHOD FOR PREPARATION THEREOF**

Attorney Docket Number: **053329**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

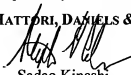
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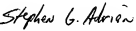
Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non-U.S. document is enclosed herewith.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,
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Enclosure: PTO/SB/08, 12 documents and international search report.

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 IAPR Rec'd PCT/PTO 22 DEC 2005

Combined Form PTO/SB/08A&B				Complete if Known	
<u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> (use as many sheets as necessary)				Application Number	New Application
				Confirmation Number	
				Filing Date	December 22, 2005
				First Named Inventor	Hideo HOSONO et al.
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	053329

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
/RK/	1	US 5,675,972		10-14-1997	Jonathan Sidney EDELSON
/RK/	2	US2005/0061657		03-24-2005	Hideo HOSONO et al.
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation*
		Country Code ²	Number*	Kind Code ³ (if known)			
/RK/	3	JP	2003-040697		02-13-2003	Japan Sci. & Tech. Corp.	Abstract, cited in the ISR
/RK/	4	JP	2002-348117		04-12-2002	Japan Atom Ener. Res. Ins.	Abstract, cited in the ISR
/RK/	5	JP	2002-003218		01-09-2002	Japan Sci. & Tech. Corp.	Abstract, cited in the ISR
/RK/	6	JP	2004-26608		01-29-2004	Japan Sci. & Tech. Corp.	Abstract, cited in the ISR
/RK/	7	JP	2002-316867		10-31-2002	Japan Sci. & Tech. Corp.	Abstract, cited in spec.
/RK/	8	JP	2003-238149		08-27-2003	Japan Sci. & Tech. Corp.	Abstract, cited in spec.
/RK/	9	PCT	WO03/089373		10-30-2003	Japan Sci. & Tech. Corp.	Abstract, cited in spec.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (ie CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu: number(s), publisher, city, and/or country where published.	Translation*
/RK/	10	Andrew S. ICHIMURA et al.; "Toward Inorganic Electrides", J. AM. Chem. Soc., Vol. 124, No. 7, 2002, pp.1170-1171. Cited in the ISR.	
/RK/	11	Satoru MATSUSHI et al.; "High-Density Electron Anions in a Nanoporous Single Crystal [Ca ₂₄ Al ₁₂ O ₆₄] "(4e)", Science, Vol. 301, August 1, 2003, Cited in the ISR	
/RK/	12	H. HOSONO et al.; "12CaO-7Al ₂ O ₃ crystal containing calthrated hyperoxide ion radicals called phatom chemical species in high concentration", Vol. 33, No. 4, 1996, pp171-172. Cited in the spec.	
/RK/	13	O. YAMAGUCHI et al.; "New Compound in the System SrO-Al ₂ O ₃ ", J. Am. Ceram. Soc., Vol.69, No. 2, pp.C-36-C37. Cited in the spec.	
/RK/	14	Frederick J. TEHAN et al.; "Alkali Anions. Preparation and Crystal Structure of a Compound Which Contains the Cryptated Sodium Cation and the Sodium Anion", Journal of the American Chemical Society, Vol. 96, No. 23, November 13, 1974, pp.7203-7204. Cited in the spec.	

Examiner Signature	/Robert Kunemund/	Date Considered	02/01/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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